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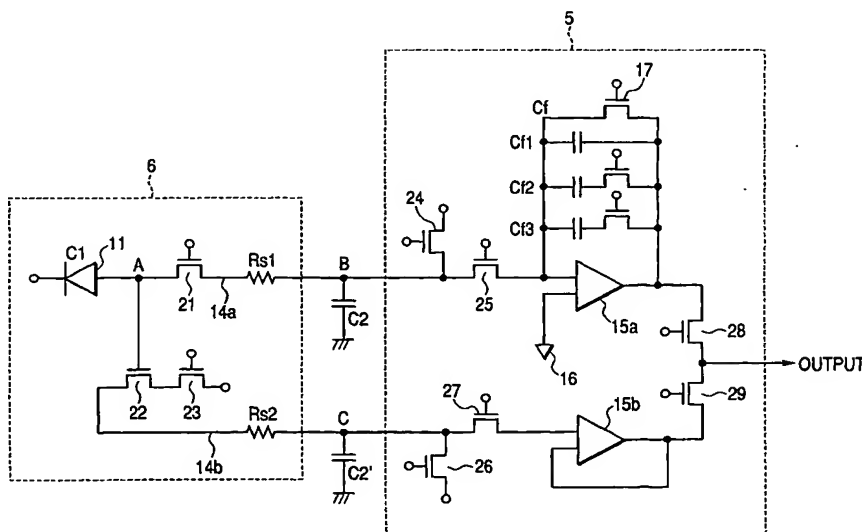
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(54) Title: **RADIATION IMAGE PICK-UP DEVICE AND METHOD THEREFOR, AND RADIATION IMAGE PICK-UP SYSTEM**



(57) Abstract: Sensitivity is freely changeable to another one in correspondence to a photographing mode, and both still image photographing and moving image photographing for example which are largely different from each other in dosage of exposure to radiation and which are also different from each other in required sensitivity are carried out so as to meet that request. A source or drain electrode of a TFT 21 is connected to a signal output circuit 3 through a signal line 14a and an IC 5. A source/drain of a TFT 23 is connected to the signal output circuit 3 through a signal line 14b and the IC 5. Thus, in each pixel 6, any one of the signal lines 14a and 14b is freely selectable when a signal is read out.

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